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(71) Applicant (for all designated States except US): **CYTOS BIOTECHNOLOGY AG** [CH/CH]; Wagistrasse 25, CH-8952 Schlieren (CH).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **BACHMANN, Martin, F.** [CH/CH]; Goldackerweg 8, CH-8472 Seuzach (CH). **SCHWARZ, Katrin** [DE/CH]; Schulstr. 15, 8952 Schlieren (CH).

(74) Agent: **WICHMANN, Hendrik**; Isenbruck Bösl Hörschler Wichmann Huhn, Prinzregentenstrasse 68, 81675 München (DE).

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(54) Title: PACKAGED VIRUS-LIKE PARTICLES

(57) Abstract: The present invention is related to the fields of vaccinology, immunology and medicine. The invention provides compositions and methods for enhancing immunological responses against antigens coupled or fused to virus-like particles (VLPs) packaged with immunostimulatory nucleic acids, preferably oligonucleotides containing at least one non-methylated CpG sequence and a toll-like receptor (TLR) ligand. The invention can be used to induce strong antibody and T cell responses particularly useful for the treatment of allergies, tumors and chronic viral diseases as well as other chronic diseases.



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